RCRA GaTA code

SITE DESCRIPTION/EXECUTIVE SUMMARY

Sité Name and Location

County:

0akland

63-01N-11E-33CD Michigan Code Number:

DNR District: Detroit EPA ID Number: MID041803123

SAS Score/Screen No.:

The Ethyl Corporation was a motor fuel list facility. The site is located on the northwest corner of Eight Mile and Pinecrest Roads in Ferndale. This is a highly urbanized area. The facility operated from approximately 1940 to 1980. As Ethyl Corp. was a research facility it is believed that only pilot plant quantities of chemicals were buried on site. Corporate officials say general Laboratory Chemicals, glassware, residues etc. were buried in several hand-dug pits located around the

The Ethyl Corporation was a motor fuel list fa located on the northwest corner of Eight Mile. Ferndale. This is a highly urbanized area. The approximately 1940 to 1980. As Ethyl Corp. was believed that only pilot plant quantities of chesite. Corporate officials say general Laborato residues etc. were buried in several hand-dug property from 1940 up through the early 1980's.

Well logs from 1941 shows clay from 23 feet to dangerous. 75 tanks reseavated. In surrours Well logs from 1941 shows clay from 23 feet to 150 feet. Static water levels were found to be at 7 feet. In the early 1980's the corporation started augering into some of these old dump sites and uncovered nothing dangerous. 75 tanks ranging in size from 500 to 10,000 gallons were excavated. In June 1983 a consulting firm installed 6 monitoring wells surrounding the most recent dump site. Sampling revealed nothing of concern but no organics were tested for. In 1984 auger borings revealed some organic contamination in the soils. Also monitoring well samples now showed 1-5 ug/1 toluene and chloroform, and 40-400 ug/1 of tetrahydrofuron.

> Currently Ethyl Corp. has offered to give the site to Oakland County, if accepted before December 31, 1985. The County which commissioned some of the sampling on site refused the offer on the grounds that cleanup costs could be astronomical. Oakland County health officials then referred the site to MDNR. The property is now for sale.

Follow Up Recommendations to EPA

This site is given a high priority due to the burial of hazardous substances on site, and the contamination of the groundwater by these substances. A systematic program of groundwater sampling should be instituted here to determine the types of contamination of the areal extent of the contamination.

Date of Previous Summary: Previous Author:

Current Date: 3/14/86

Author: Barry J. Christian

Site Assessment Unit Groundwater Quality Division Michigan Dept. of Natural Resources

US EPA RECORDS CENTER REGION 5



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POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

O1 STATE | 02 SITE NUMBER

MID 04 | 803 | 23

II. SITE NAME AND LOCATION					
01 SITE NAME, Legal, common, or descriptive name of site)	02 STREET, ROUTE NO. OR SPECIFIC LOCATION IDENTIFIER				
ETHYL CORPORATION	1600 W. 8 MILE ROAD				
FERNDALE	MI 48220 OAKLAND 175 175				
09 COORDINATES LATITUDE LONGITUDE 83 08 55	ROYAL DAK QUAD 7.5' SERIES				
FROM I-75 NORTHBOUND OUT OF DE	TROIT TAKE THE 8 MILE RD. EXIT. TAKE				
BMILE RD. WEST APPROX. 2 MILES TO	PINECREST RD., IN FERNOALE. SITE RD AMP PINECREST.				
III. RESPONSIBLE PARTIES					
ETHYL CURPORATION	102 STREET (BUSINESS, making, residential) 451 Florida Blvd OLISTATE OF TIP COPE IN ESHADIS IN IMPER				
Baton Rouge	104 STATE 05 ZIP CODE 06 TELEPHONE NUMBER				
07 OPERATOR (If Impum and different from gumer)	OB STREET (Business, meany, readential)				
O9 CITY	10 STATE 11 ZIP CODE 12 TÉLEPHONE NUMBER				
3 TYPE OF OWNERSHIP (Check one) A. PRIVATE B. FEDERAL: [Agency name]	A, PRIVATE B. FEDERAL: GROOT G				
(Specify) 14 OWNER/OPERATOR NOTIFICATION ON FILE (Check at the appr)	G. UNKNOWN				
A. RCRA 3001 DATE RECEIVED: MONTH DAY YEAR SUNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: 8 8 90 = C. NONE					
IV. CHARACTERIZATION OF POTENTIAL HAZARD	IV. CHARACTERIZATION OF POTENTIAL HAZARD				
01 ON SITE INSPECTION BY (Check at that apply) A EPA B. EPA CONTRACTOR C. STATE D. OTHER CONTRACTOR					
YES DATE GONTRACTOR C. STATE D. OTHER CONTRACTOR NO E. LOCAL HEALTH OFFICIAL F. OTHER:					
CONTRACTOR NAME(S):					
03 YEARS OF OPERATION A. ACTIVE & B. INACTIVE C. UNKNOWN O3 YEARS OF OPERATION O4 40 YES. UNKNOWN BEQUINNING YEAR UNKNOWN					
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED					
of glassware, residues, and general lab wastes.					
The wastes, and general the wastes.					
US DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION Most of these chemicals exist in unKrown quantities, in hond-due					
Most of these chemicals exist in unknown quantities, in hond-dug pits that were filled in with send. Polential hazards include direct contact by future excevation, and contamination of soils, and groundwater.					
V. PRIORITY ASSESSMENT					
01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Wester Information and Part 3 - December of Mazardous Constitions and Incidental					
A. HIGH Inspection required promotity B. MEDIUM C. LOW D. NONE (No further action received, complete current disposition form)					
VL INFORMATION AVAILABLE FROM					
Steve Cunningham 02 OF Massiew Organia	()				
04 PERSON RESPONSIBLE FOR ASSESSMENT 05 AGENCY					
Barry Christian / Steve Cunning hom MDNR	08 OPGANIZATION SITE ASSESSMENT UNIT 07 TELEPHONE NUMBER 08 DATE 3 /5 86				

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POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

I. IDENTIFICATION

31 STATE OF SITE NUMBER

MID 041803123

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SUBSTANCES (See As 02 SUBSTANCE N				HEAUX 1	METALS.	
02 SUBSTANCE N						
		ently cited CAS Numbers)				
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CHLORORORM	1	00067-66-3				
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INFORMATION (Cite :	specific references. e.	g., state files, sample analysis, i	reports)		·	
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1	01 FEEDSTOC	See Aspendin for CAS Numbers: 01 FEEDSTOCK NAME NFORMATION (Cite seechle references. e.	01 FEEDSTOCK NAME 02 CAS NUMBER NFORMATION (Cite specific references, e.g., state files, sample analysis,	01 FEEDSTOCK NAME 02 CAS NUMBER CATEGORY FDS FDS FOS FDS FDS NFORMATION (Cite specific references, e.g., state free, sample energise, reports.)	01 FEEDSTOCK NAME 02 CAS NUMBER CATEGORY 01 FEEDSTO FDS FDS FDS FDS FDS NFORMATION (Cite specific references, e.g., state free, sample energies, reports.)	01 FEEDSTOCK NAME 02 CAS NUMBER CATEGORY 01 FEEDSTOCK NAME FDS FDS FOS FOS FOS NFORMATION (Cite specific references, e.g., size free, sample snayae, reports)

SEPA

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

MID 041803123

PART 3 - DESCRIPTION OF	HAZARDOUS CONDITIONS AND INCIDE	ENTS PARTY	11003163
01 A. GROUNDWATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED	02 TOBSERVED (DATE:	_ POTENTIAL	□ ALLEGED
01 XB. SURFACE WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED	02 C OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION	POTENTIAL	_ ALLEGED
01 T C CONTAMINATION OF AIR 03 POPULATION POTENTIALLY AFFECTED	02 OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	□ PÓTENTIAL	T ALLEGED .
nome documented			•
01 = D. FIRE/EXPLOSIVE CONDITIONS 03 POPULATION POTENTIALLY AFFECTED. 1112 documented	02 © OBSERVED (DATE. 04 NARRATIVE DESCRIPTION) © POTENTIAL	ALLEGED
MINE WELLMENTED			
01 ZE. DIRECT CONTACT 03 POPULATION POTENTIALLY AFFECTED T	02 OBSERVED (DATE. 04 NARRATIVE DESCRIPTION	POTENTIAL	C ALLEGED
During Juture excavations	, duct soulant may be	a hazard.	
01 T F CONTAMINATION OF SOIL 03 AREA POTENTIALLY AFFECTED: >/O	02/ OBSERVED (DATE) C POTENTIAL	ALLEGED
01 _ G. DRINKING WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED	02 COBSERVED (DATE	POTENTIAL	ALLEGED
none documented: this is a monicipal water.	highly arbonized over a	md everyone	is on
01 = H. WORKER EXPOSURE/INJURY 03 WORKERS POTENTIALLY AFFECTED:	02 C OBSERVED (DATE	POTENTIAL	= ALLEGED
	00 C 00000		
01 (1) I. POPULATION EXPOSURE/INJURY 03 POPULATION POTENTIALLY AFFECTED	02 C OBSERVED (DATE:	☐ POTENTIAL	C ALLEGED
non-documented		;	٠.

SEPA

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

I. IDENTIFICATION

101 STATE 02 SITE NUMBER

MID 04(803/23

SCIA		AZARDOUS CONDITIONS AND INCIDE	NTS MID 104	1803/23
II. HAZARDOUS CONDITIO	ONS AND INCIDENTS (Continued)			
01 G J. DAMAGE TO FLOR	IA	02 C OBSERVED (DATE:)	POTENTIAL	☐ ALLEGED
Detacted	lexists but is no	of documented.		
POJERICA	(OKUSE BOC) BY	o) wocumer rea		
01 T. K. DAMAGE TO FAUN		02 C OBSERVED (DATE:)	POTENTIAL	I ALLEGED
04 NARRATIVE DESCRIPTIO		521/2	/ `	
	•	Soil found may be a	moued	
01 T L CONTAMINATION (02 C OBSERVED (DATE.	POTENTIAL	I ALLEGED
33 1AIIIAWE 3E33111 N				
01 C M. UNSTABLE CONT.	AINMENT OF WASTER	02 G OBSERVED (OATE:)	□ POTENTIAL	☐ ALLEGED
(Soliterranof/Standing in	guida/lealang drume)	04 NARRATIVE DESCRIPTION		
				_
01 T. N. DAMAGE TO OFFS		02 G OBSERVED (DATE:)	☐ POTENTIAL	I ALLEGED
•				
110h	locumented			
		 	2	
01 © 0. CONTAMINATION 04 NARRATIVE DESCRIPTION		TPs 02 (1) OBSERVED (DATE:) © POTENTIAL	C ALLEGED
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01 P. ILLEGAL/UNAUTH		02 G OBSERVED (DATE:	2 POTENTIAL	☐ ALLEGED
04 NARRATIVE DESCRIPTIO	ON .			
No	n documented			
05 DESCRIPTION OF ANY (OTHER KNOWN, POTENTIAL, OR AL	LEGED HAZARDS		; • •
м	m documented			
·				
IIL TOTAL POPULATION	POTENTIALLY AFFECTED:		· · · · · · · · · · · · · · · · · · ·	
IV. COMMENTS				
This site	has had rando	m burying of unknow	un types or	rd
This site has had random burying of unknown types and geontities of chemicals in hand-day sound pits for at least 30 years. Horitoring and sampling is needed!				
Monitoring and sampling is needed!				
V. SOURCES OF INFORMATION (Cité appeche retarbificae, e. g., state hier, sample energiae, resorts)				
MONR - G	40 fdes			
		•		